

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fluid cooled brake housing including at least:

a casing defining a sealed cavity for housing one or more friction pads, said casing having one or more walls, at least one of said one or more walls provided with an internal fluid flow path, a fluid inlet in fluid communication with said fluid flow path, and a fluid outlet in fluid communication with said fluid flow path;

whereby, when a fluid supply is coupled with said fluid inlet, fluid flows through at least one of said one or more walls via said fluid inlet, fluid flow path and fluid outlet, thereby cooling said housing.

wherein, a volume of fluid is sealed within said cavity and at least partially covering said braking surface said fluid separate from cooling fluid.

2. (Original) The housing according to claim 1, wherein said fluid flow path includes at least one channel between said fluid inlet and said fluid outlet.
3. (Original) The housing according to claim 1, wherein said fluid flow path includes a plurality of parallel connected channels extending between said fluid inlet and said fluid outlet.
4. (Currently Amended) The housing according to claim 1 further including sealing means for sealing said sealed cavity when said housing is mounted on an axle to provide a wet brake housing.
5. (Currently Amended) A wall for a wet brake housing, said wall including an internal

fluid flow path, a fluid inlet in fluid communication with said fluid flow path, and a fluid outlet in fluid communication with said fluid flow path;

whereby, when a fluid supply is coupled with said fluid inlet, fluid flows through said wall via said inlet, through said fluid flow path and out said fluid outlet to cool said wall.

6. (Original) The wall according to claim 5, wherein said fluid flow path includes at least one channel between said fluid inlet and said fluid outlet.
7. (Original) The wall according to claim 5, wherein said fluid flow path includes a plurality of parallel connected channels extending between said fluid inlet and said fluid outlet.
8. (Currently Amended) A fluid cooled brake system including:

a fluid cool brake housing having a casing defining a sealed cavity, said casing having one or more walls, at least one of said one or more walls provided with an internal fluid flow path, and a fluid inlet and a fluid outlet each in fluid communication with said fluid flow path;

one or more brake pads disposed in said sealed cavity;

braking surface located within said sealed cavity;

an actuator for selectively moving said one or more brake pads into contact with said braking surface; and,

a supply of cooling fluid external of said sealed cavity and in fluid communication with said fluid inlet and said fluid outlet, whereby said cooling fluid circulates through said supply, said fluid inlet, fluid flow path and fluid outlet.

9. (Original) The brake system according to claim 8 further including a pump for pumping said cooling fluid through said supply and said fluid flow path.
10. (Original) The brake system according to claim 9 further including a heat exchanger in fluid communication with said supply for cooling said cooling fluid.
11. (Currently Amended) The brake system according to claim 8 further including a volume of fluid sealed within~~with~~in said sealed cavity and at least partially covering said braking surface, said fluid separate from said cooling fluid.
12. (Previously Presented) The brake system according to claim 8 wherein said fluid flow path includes at least one channel between said fluid inlet and said fluid outlet.
13. (Previously Presented) The brake system according to claim 8 wherein said fluid flow path includes a plurality of parallel connected channels extending between said fluid inlet and said fluid outlet.
14. (Currently Amended) The brake system according to claim 8 further including sealing means for sealing said sealed cavity when said housing is mounted on an axle to provide a wet brake housing.